

To: Kristen Wolf (kwolf@pa.gov)[kwolf@pa.gov]
From: Batiuk, Rich
Sent: Fri 4/10/2015 4:30:31 PM
Subject: Penn State Scope of Work for Enhancements to Partnership's Ches Bay Atmospheric Deposition Model
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[Penn State Univ SOW Ches Bay Atmos Deposition Model Enhancements.doc](#)

Kristen-

Good to talk with you this morning and thanks for your willingness to determine whether you could help us out in transferring additional funds amended to your PA DEP CBRAP grant to Penn State University.

Attached please find the scope of work submitted to the Partnership's Modeling Workgroup by Jeff Grimm at Penn State. Jeff developed the original Chesapeake Bay Watershed Nitrogen Wet Atmospheric Deposition Model for the Partnership over a decade or more ago. The Modeling Workgroup is asking for a series of enhancements to the original model in preparation for this model feeding into the Phase 6 Chesapeake Bay Watershed Model as well as our standalone estimates of changes in atmospheric deposition loads over time.

The total funds requested are \$47,600. I have these funds allocated in our FY2015 EPA Chesapeake Bay Program budget, but need a mechanism to transfer the funds to Penn State. As I explained over the phone, I have been working since last July to transfer the funds via an existing EPA Office of Research and Development cooperative agreement with Penn State Univ (Jim Shortle is the lead PI). We got all the way to finalizing the amendment paperwork submitted by Jim when ORD backed out several weeks ago. Then I tried working through my USGS Maryland and Pennsylvania Water Science Center offices—I could get the funds to USGS via an existing interagency agreement with the Maryland Water Science Center and then onto the Pennsylvania Water Science Center, but turns out that they don't have an existing agreement with Penn State to transfer funds. So you are my last hope!

The plan would be to amend your existing PA DEP CBRAP grant, adding in the additional \$47,600 in funds and amending the existing scope of work with the attached SOW, with PA DEP then transferring the funds to Penn State for conducting the work described in the SOW. Look forward to hearing what you are able to find out next week when you and your colleague are both in the office next week after Monday.

Thanks, Rich

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